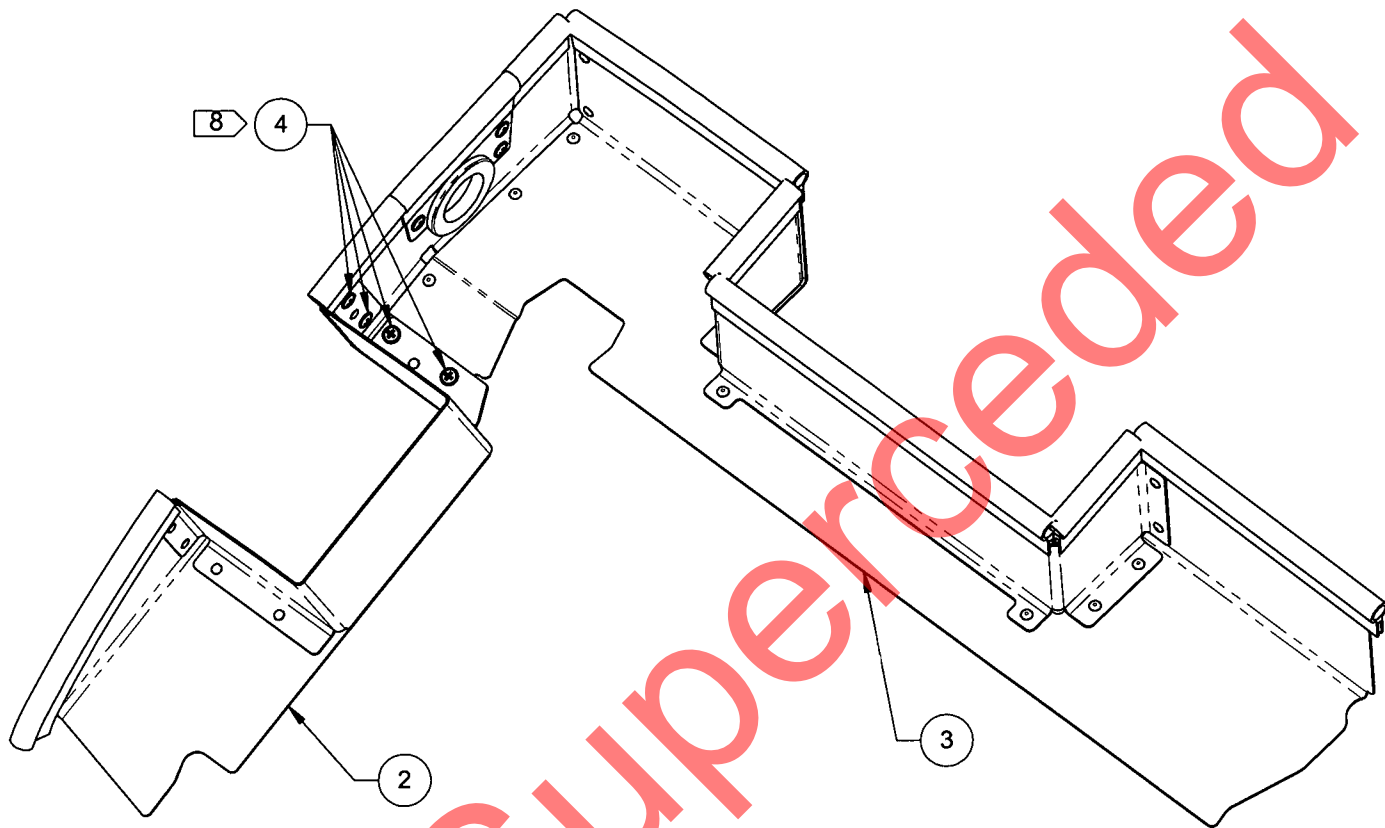


ITEM	QTY. -041	PART NUMBER	DESCRIPTION
1	X	D5076-041	FWD BRACKET ASSEMBLY
2	1	D4434-045	FWD OUTBOARD BRACKET ASSEMBLY
3	1	D5076-043	FWD INBOARD BRACKET ASSEMBLY
4	4	AN525-832R7	SCREW



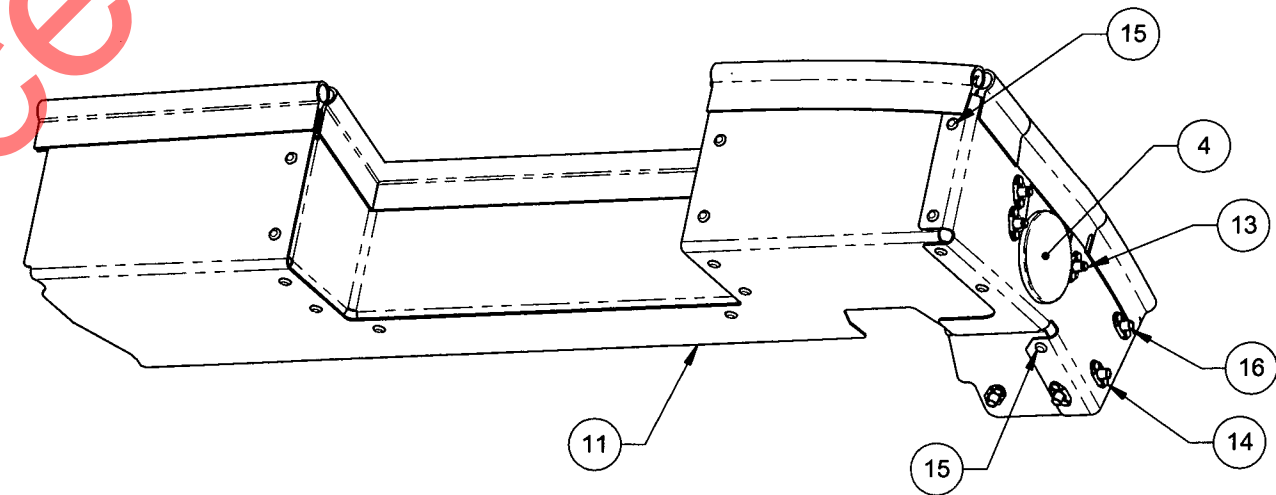
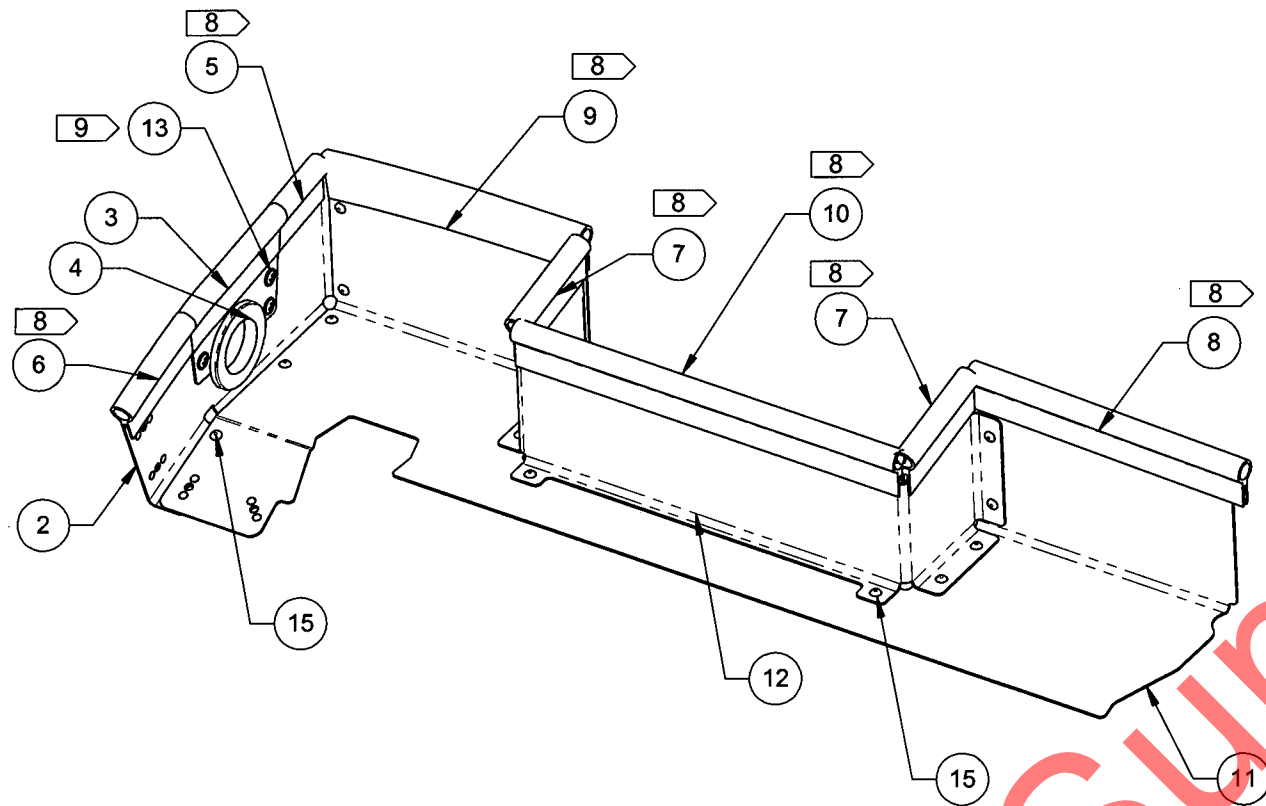
D5076-041 FWD BRACKET ASSEMBLY

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2014 -03- 31
[Signature]

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 1.39 lbs
 - 8) TORQUE SCREW TO 12-15 (in-lb)

APPROVED

A	NEW ISSUE		RF	14.03.11
REV.	DESCRIPTION		BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	RF			
CHECKED	DC	DRAWING NO. D5076		REV. A
MFG. APPR.	DD			SHEET 1 OF 7
APPROVED	HS	TITLE BRACKET ASSEMBLY		SCALE
DE APPR.	DS			NTS
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ITEM	QTY. -043	PART NUMBER	DESCRIPTION
1	X	D5076-043	FWD INBOARD BRACKET ASSEMBLY
2	1	D4434-9	BRACKET
3	1	D4435-041	BRACKET ASSEMBLY
4	1	D4440-1	GROMMET
5	1	D4441-1-017	RUBBER SEAL
6	1	D4441-1-025	RUBBER SEAL
7	2	D4441-1-026	RUBBER SEAL
8	1	D4441-1-067	RUBBER SEAL
9	1	D4441-1-064	RUBBER SEAL
10	1	D4441-1-094	RUBBER SEAL
11	1	D5076-1	BRACKET
12	1	D5076-3	BRACKET
13	3	AN525-832R6	SCREW
14	14	MS20426AD3-3	RIVET
15	15	MS20470AD4-3	RIVET
16	7	MS21075L08	NUT PLATE
17	A/R	3M 1300/1300L	ADHESIVE

D5076-043 FWD INBOARD BRACKET ASSEMBLY

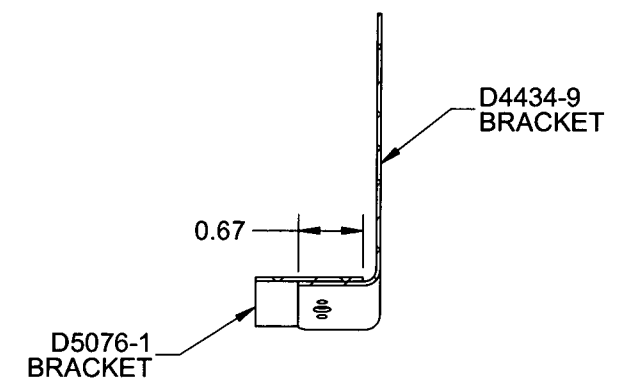
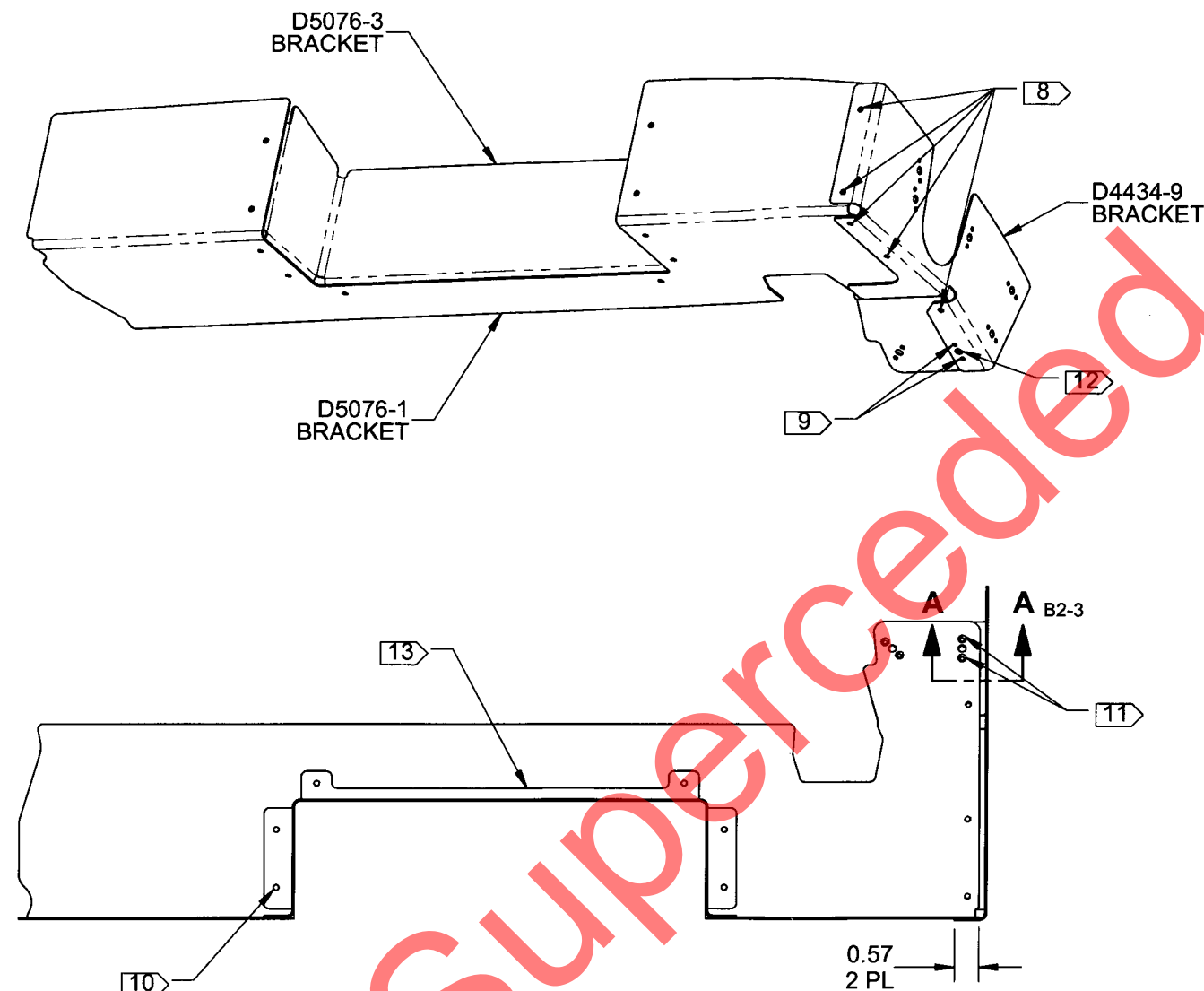
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "BLACK SANDEX" (4.3.5.7) PER DART QSI 005 4.3 PRIOR TO INSTALLING D4435-041.
MASK NUT PLATE HOLES
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.01 lbs
- 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE
ENSURE COVER IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL
IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING
- 9) TORQUE SCREW TO 12-15 (in-lb)

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DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DC	DRAWING NO. D5076	REV. A
MFG. APPR.	DD		SHEET 2 OF 7
APPROVED	HS	TITLE BRACKET ASSEMBLY	SCALE NTS
DE APPR.	DS	<small>COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	
DATE	14.03.11		



SECTION A-A C4-3

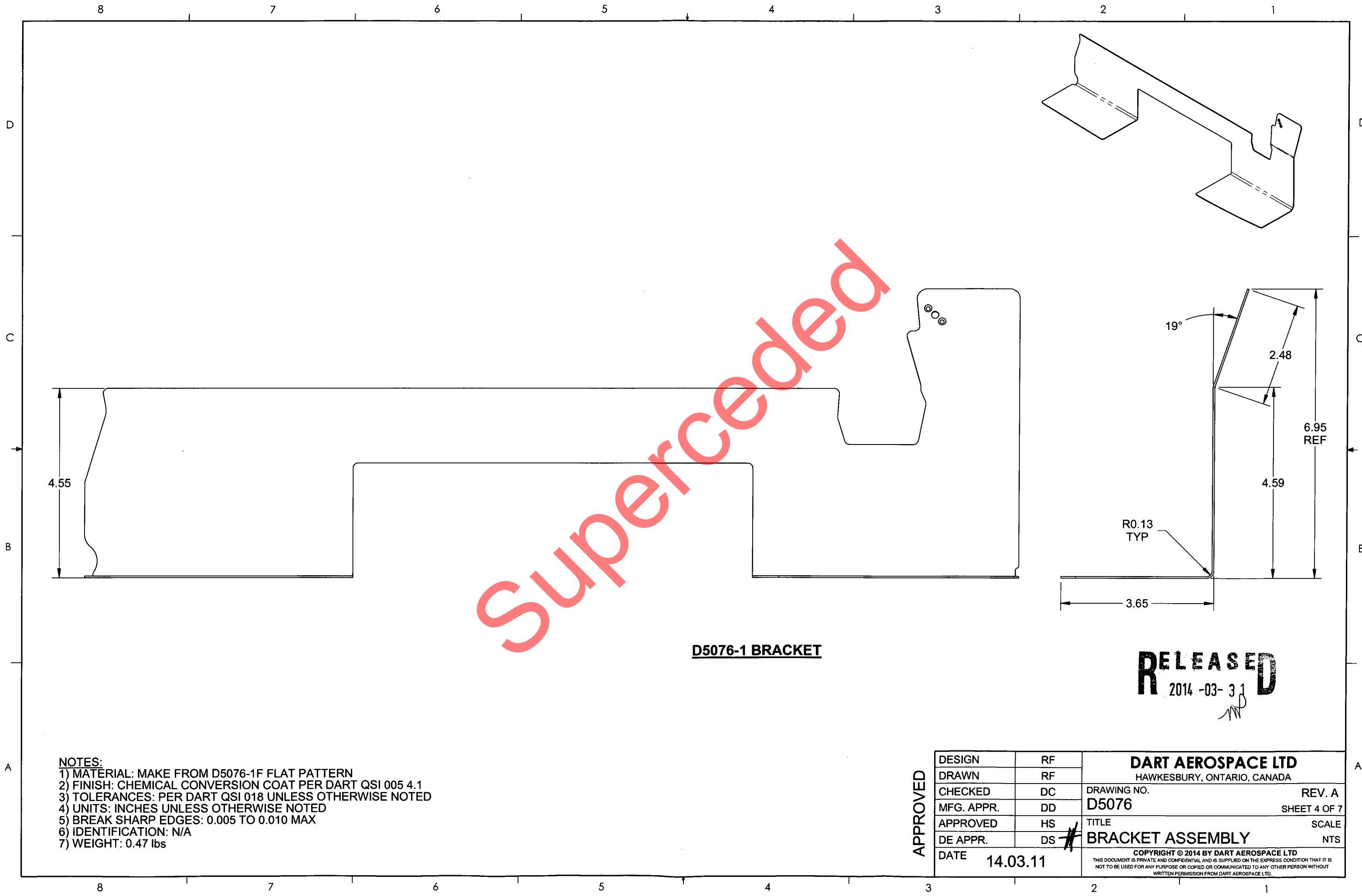
D5076-043 FWD INBOARD BRACKET ASSEMBLY
AUXILIARY VIEW

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.78 lbs
 - 8) TRANSFER $\varnothing 0.129$ HOLES THRU 5 PLACES FROM D4434-9 TO D5076-1
 - 9) TRANSFER $\varnothing 0.098$ HOLES THRU 2 PLACES FROM D4434-9 TO D5076-1
 - 10) TRANSFER $\varnothing 0.129$ HOLES THRU 10 PLACES FROM D5076-3 TO D5076-1
 - 11) CSK $\varnothing 0.179 \times 100^\circ$ ON THIS SIDE 2 PLACES
 - 12) TRANSFER $\varnothing 0.177$ HOLE THRU FROM D4434-9 TO D5076-1
 - 13) CENTRE D5076-3 INTO OPENING OF D5076-1

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DRAWN	RF		
CHECKED	DC	DRAWING NO. D5076	REV. A
MFG. APPR.	DD		SHEET 3 OF 7
APPROVED	HS	TITLE BRACKET ASSEMBLY	SCALE
DE APPR.	DS		NTS
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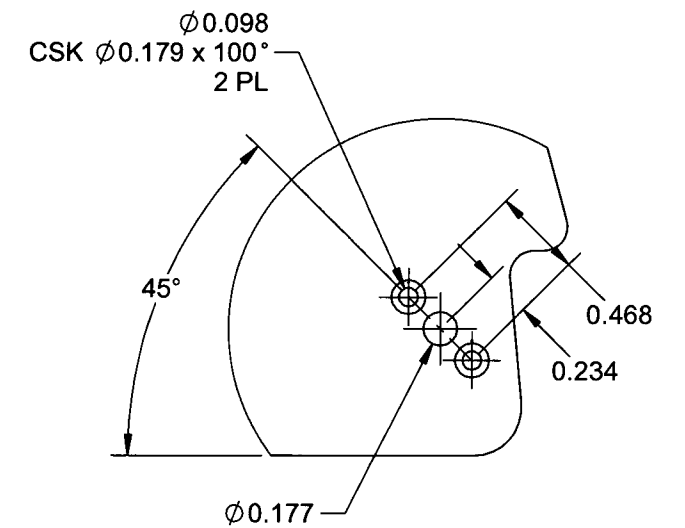
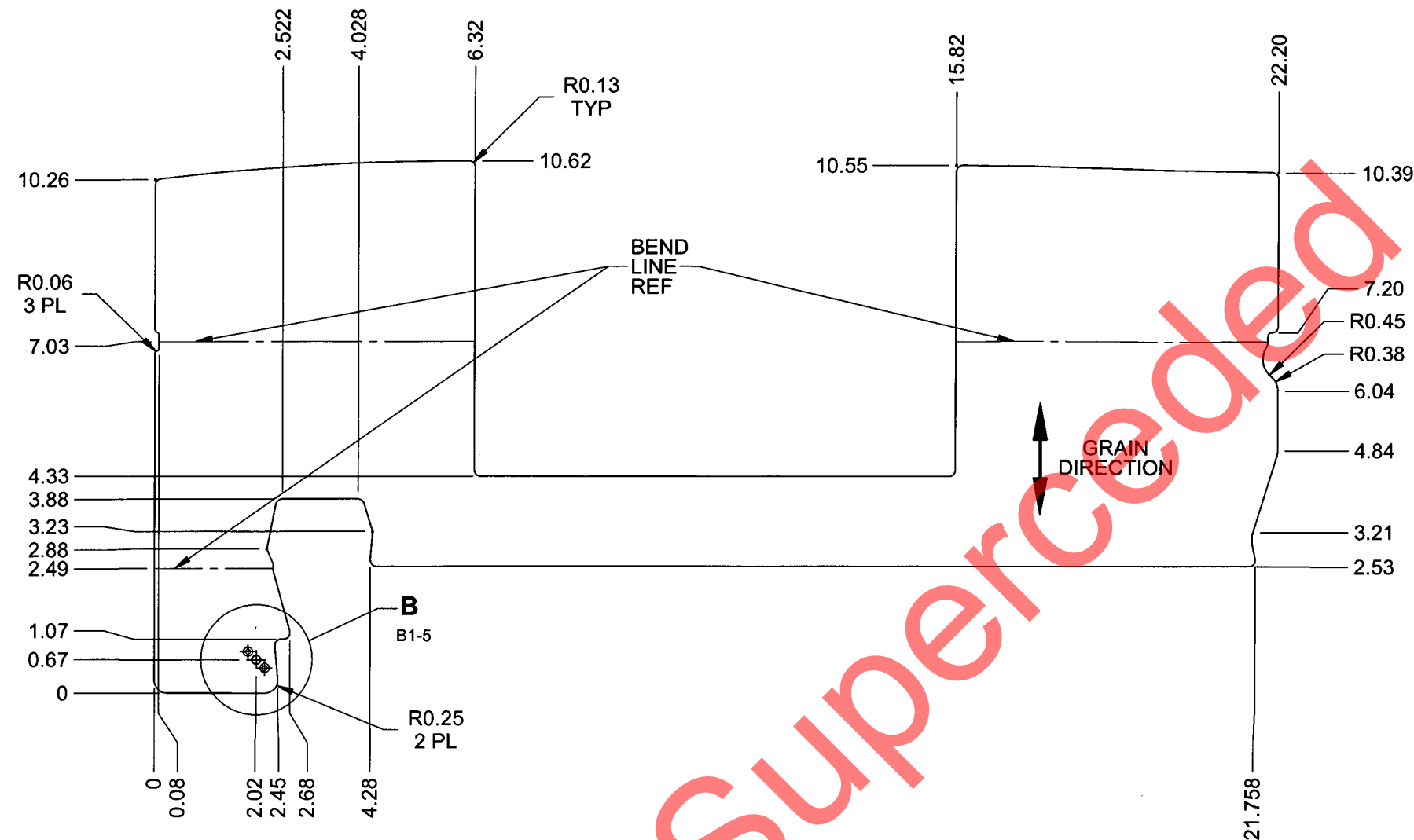
D5076-1 BRACKET

- NOTES:
- 1) MATERIAL: MAKE FROM D5076-1F FLAT PATTERN
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.47 lbs

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DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DC	DRAWING NO. D5076	REV. A
MFG. APPR.	DD	SHEET 4 OF 7	
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	BRACKET ASSEMBLY	NTS
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D5076-1F FLAT PATTERN BRACKET

DETAIL B B7-5

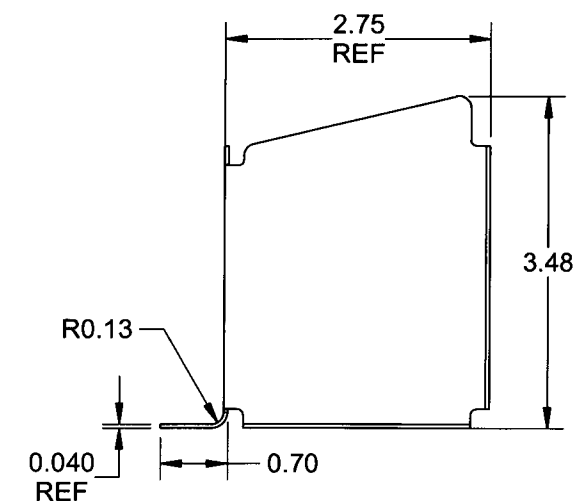
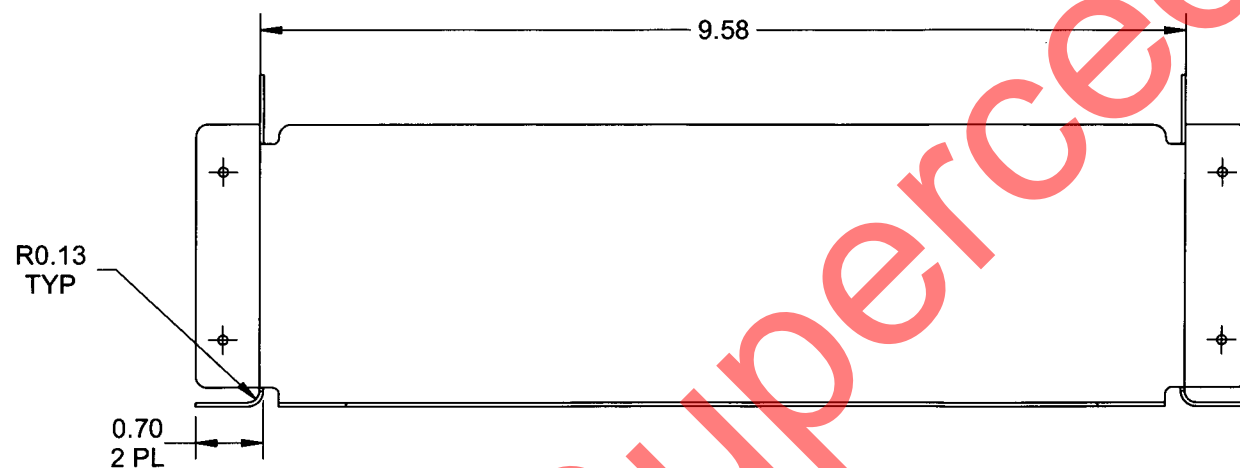
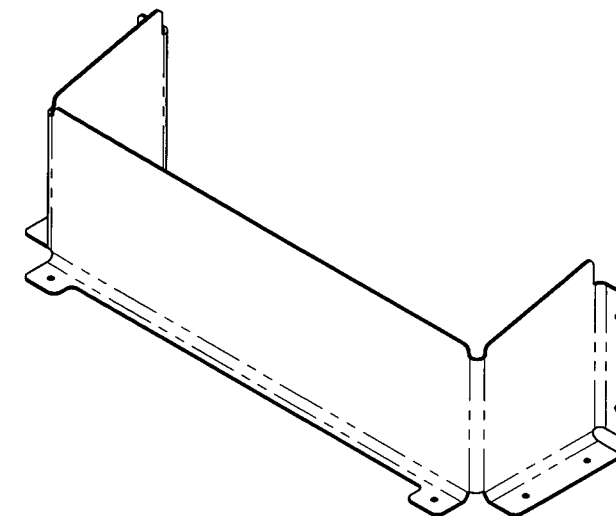
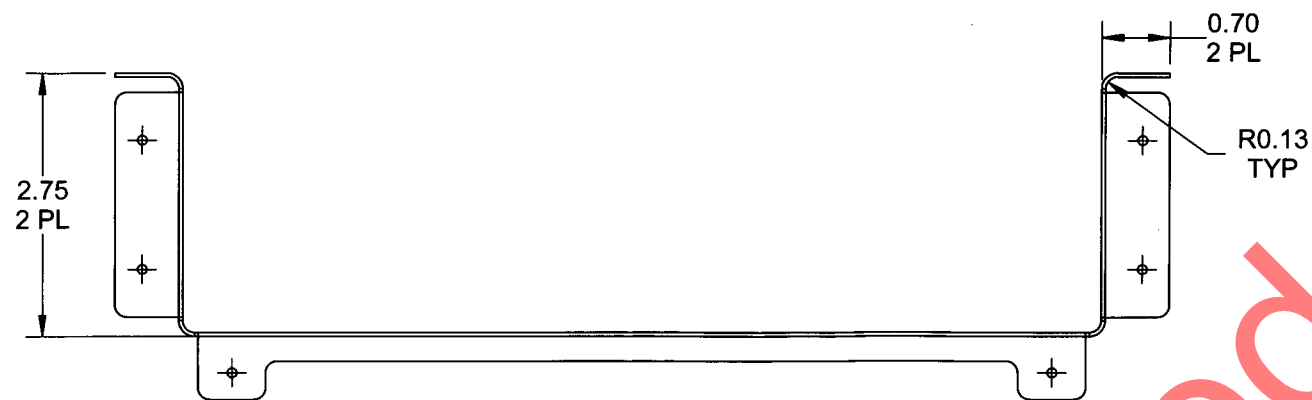
NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.47 lbs

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DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DC	DRAWING NO. D5076	REV. A
MFG. APPR.	DD	SHEET 5 OF 7	
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	BRACKET ASSEMBLY	NTS
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D5076-3 BRACKET

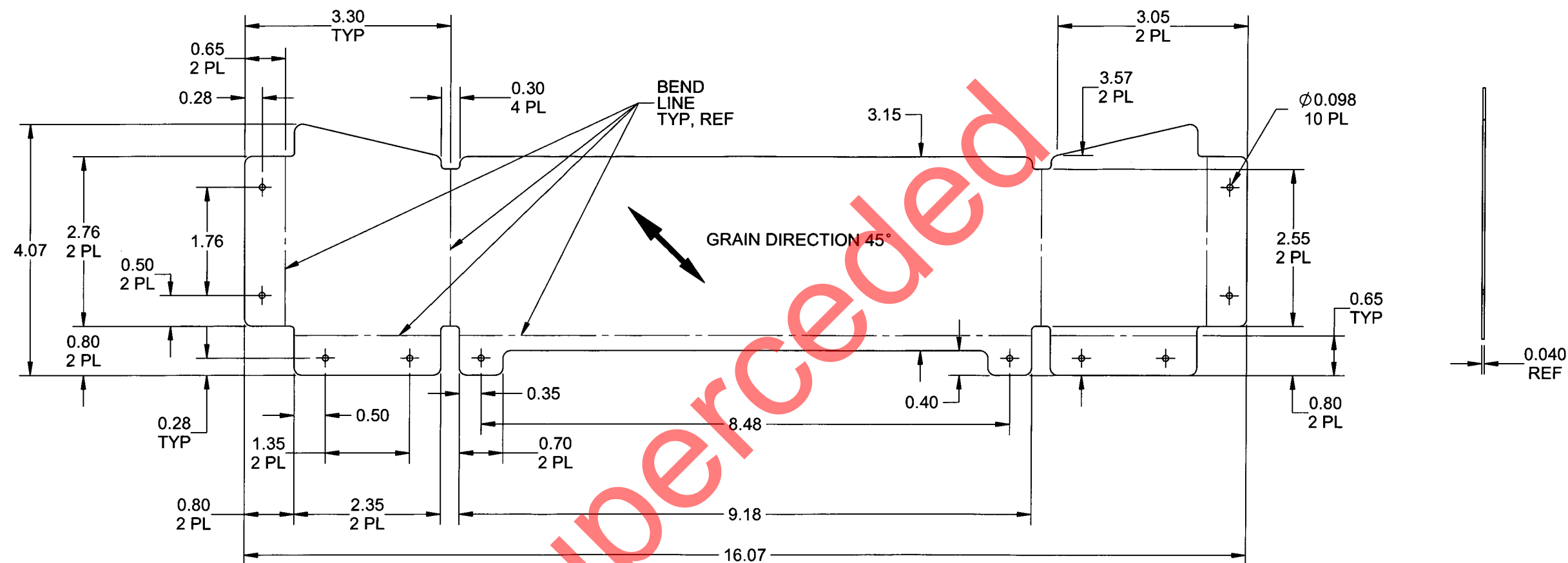
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2014-03-31

NOTES:

- 1) MATERIAL: MAKE FROM D5076-3F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.21 lbs

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DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DC	DRAWING NO.	REV. A
MFG. APPR.	DD	D5076	SHEET 6 OF 7
APPROVED	HS	TITLE	SCALE
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D5076-3F FLAT PATTERN BRACKET

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2014 -03- 31

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.21 lbs

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DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DC	DRAWING NO. D5076	REV. A
MFG. APPR.	DD	SHEET 7 OF 7	
APPROVED	HS	TITLE	SCALE
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